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9 September 2002 (09.09.2002) US

- (71) Applicant (for all designated States except US): ENVENTURE GLOBAL TECHNLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): COSTA, Scott [US/US]; 2011 Willow Point, Kingwood, TX 77330 (US). RING, Lev [US/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). MENCHACA, Jose [US/US]; 9800 Pagewood Lane, Number 210, Houston, TX 77042 (US).
- (74) Agent: MATTINGLY, Todd; Haynes and Boone, LLP, 1000 Louisiana, Suite 4300, Houston, TX 77002-5012 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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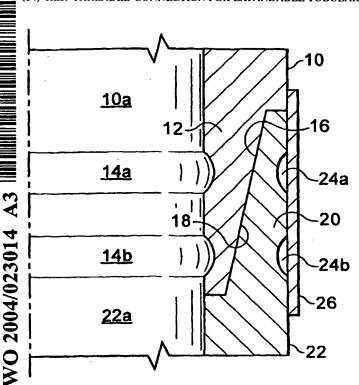
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(54) Title: THREADED CONNECTION FOR EXPANDABLE TUBULARS



(57) Abstract: A threaded connection for expandable tubulars. There is a first tubular (10) with external threads (16) and a second tubular (22) with matching internal threads. Each of these tubular has stress concentration grooves (14a, 14b, 24a, 24b). There is a sleeve (26) that goes over the connection between the threaded portions of the tubulars. After connection these tubulars can be expanded downhole in a wellbore.

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A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : E21B 19/16				
US CL : 166/380, 207; 285/333				
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED				
		Landard Control		
Minimum documentation searched (classification system followed by classification symbols) U.S.: 166/380, 207, 381, 382, 206; 285/333, 334; 403/297				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
de neigh searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
Х	US 5,924,745 A (Campbell) 20 July 1999 (20.07.1)	999), figures 3 and 4, column 3, lines	1, 3-5, 7-9, 11, 12,	
v	9 - column 4, line 27.		15, 17-21	
Y	SU 1,756,531 A (KRYZHANOVSKII et al) 28 Maj abstract.		1, 3-5, 7-9, 11, 12, 15, 17-21	
Y	WO 99/23354 (METCALFE) 14 May 1999 (14.05.	1999), figure 5, page 11 lines 23-28.	1, 3-5, 7-9, 11, 12, 15, 17-21	
A, E	US 6,622,797 B2 (SIVLEY IV) 23 September 2003 (23.09.2003), whole document.			
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A, P	US 6,564,875 B1 (BULLOCK) 20 May 2003 (20.05.2003), whole document.		1-12, 15-21	
A	US 2002/0108756 A1 (HARRALL et al) 15 August 2002 (15.06.2002), whole document.		1-12, 15-21	
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A	US 6,085,838 A (VERCAEMER et al) 11 July 2000 (11.07.2000), whole document. 1-12, 15-21		1-12, 15-21	
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	documents are listed in the continuation of Box C.	See patent family armex.		
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"A" document defining the general state of the art which is not considered to be of particular relevance "A" document defining the general state of the art which is not considered to be of particular relevance			the application but cited to derlying the invention	
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Date of the actual completion of the international search		Date of mailing of the international search report 13 JAN 2005		
12 March 2004 (12.03.2004) Name and mailing address of the ISA/US		Authorized offices		
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Commissioner for Patents P.O. Rox 1450		David J. Bagnell V VVVV		
	2. Box 1450 Xandria, Virginia 22313-1450	Telephone No. (703) 308-1113		
Facsimile No. (703) 305-3230				
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INTERNATIONAL SEARCH REPORT	PC1/USU3/25/16			
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Continuation of B. FIELDS SEARCHED Item 3:				
Derwent, JPO, EPO Terms: Thread, Stress concentrator, stress, expand/expanding, mbular, casing				
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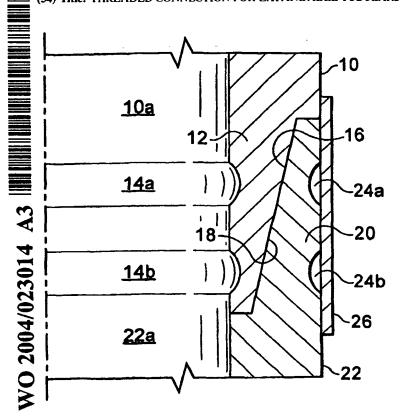
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